

Fig. 1

Application Layer / Layer 5 <u>202</u>
Transport Layer / Layer 4 <u>204</u>
Internet Layer / Layer 3 <u>206</u>
Network Interface Layer / Layer 2 <u>208</u>
Physical Layer / Layer 1 <u>210</u>

TCP/IP Layering Model

Fig. 2

Fig. 3

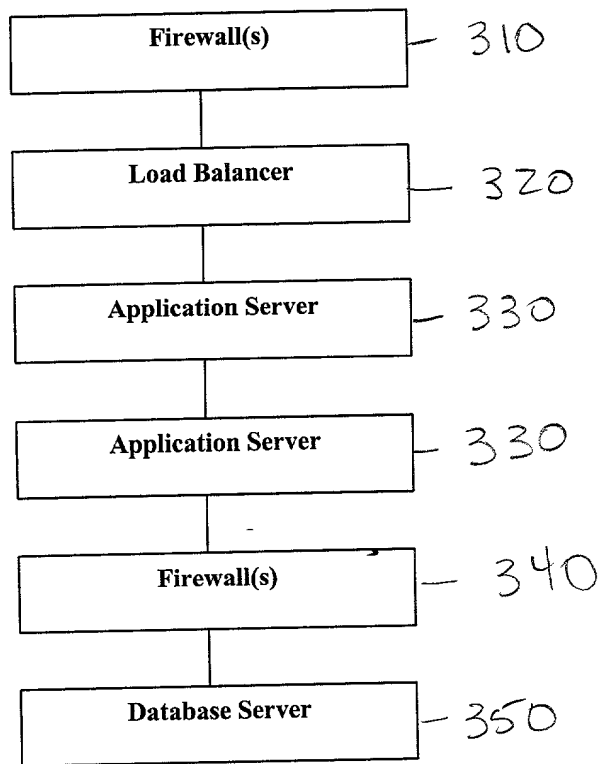


FIGURE 4

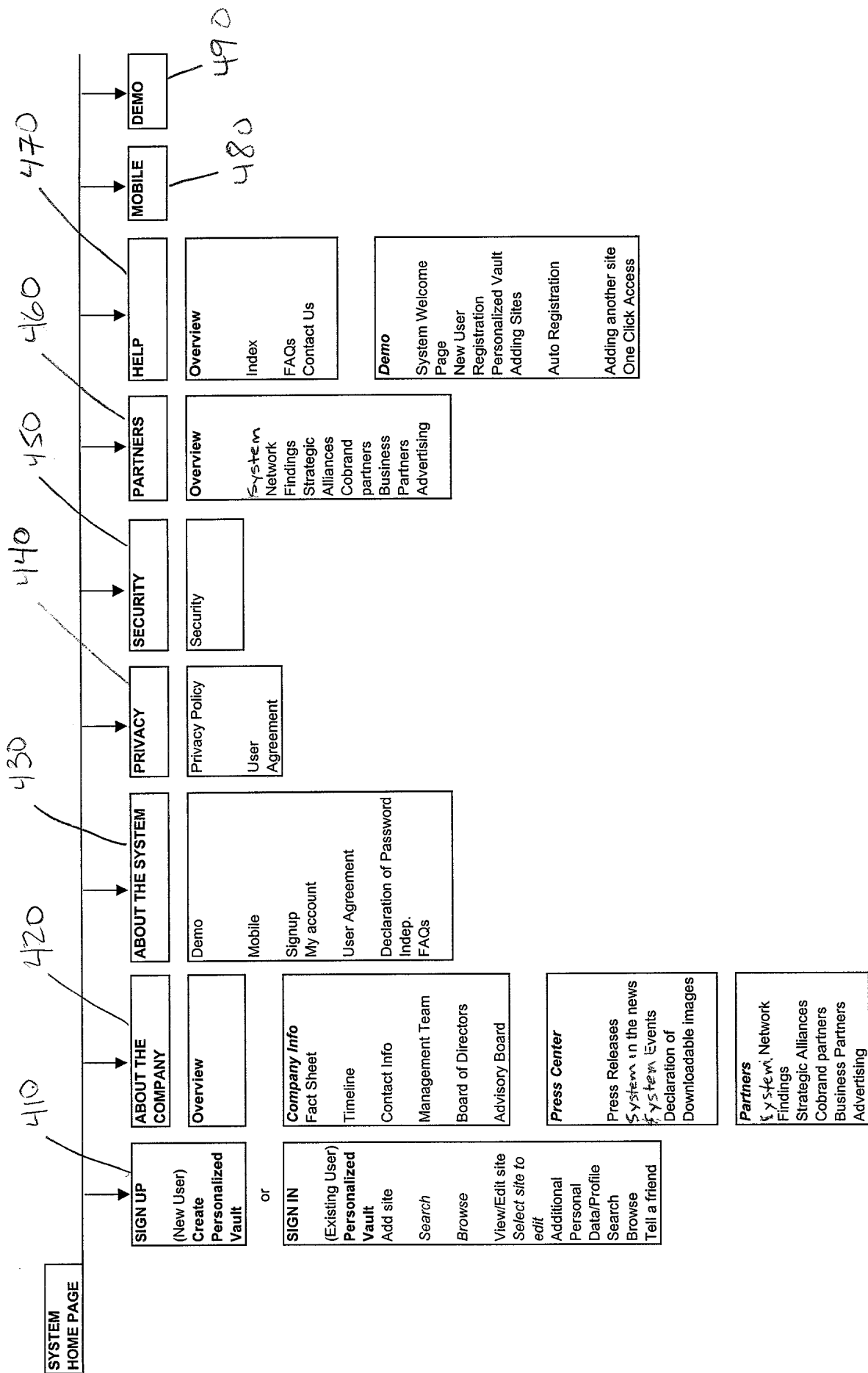


Fig. 5

The screenshot shows a web browser window displaying the essential.com website. The browser's address bar shows 'http://essential.com/'. The website has a navigation bar with links: HOME, update your profile, mobile, privacy, security, partners, demo, HELP, and LOGOUT. A banner at the top right offers a '\$75 Check to switch Internet Access and Long Distance'. The main content area is titled 'open your vault' and contains a sign-up form. The form includes fields for First name, Last name, and Email address. Below the email field, it states: 'Your email address will serve as your Master User Name. We may also need to contact you to ensure your account's security.' There is a section for Password with guidelines: 'Must be 5-20 characters in length', 'Must contain at least one letter and one number', and 'Must not contain spaces or special characters'. A Retype password field is also present. A checkbox at the bottom is labeled 'Send me updates about the system services.' To the right of the form is a section titled 'Our Pledge' with text about privacy and security. The browser's status bar at the bottom shows 'Done' and 'Internet'.

Address: <http://essential.com/>

HOME update your profile mobile privacy security partners demo HELP LOGOUT

open your vault

Unlock the power of the Internet now with a single User Name and Password. The System will allow you to have one click sign-on to all of the Web sites you like to visit. Sign up now!

First name:

Last name:

Email address:

Your email address will serve as your Master User Name. We may also need to contact you to ensure your account's security.

Only you have access to your system account. Please choose a password to protect your account. [Click here to read our policies about recovering lost usernames and passwords.](#)

Password:

Guidelines for creating your password:

- Must be 5-20 characters in length
- Must contain at least one letter and one number
- Must not contain spaces or special characters

Retype password:

☒ Send me updates about the system services.

Our Pledge

We are absolutely committed to protecting the privacy, security, and confidentiality of your personal information. We promise not to share, sell or exchange any of your personal information to a third party without your explicit permission.

Done Internet

Fig. 6

Finders, Keepers

LinkExchange

MY VAULT | update your profile | mobile | privacy | security | partners | demo | HELP | LOGOUT

password recovery

At the system, the security and privacy of your account are our highest priorities. In the unlikely event that you lose the password to your system account, we have developed a secure method to recover your data.

If you chose to enable Password Recovery, and you lose your password, we will send you an email with the following information:

- first character of password
- last character of password
- total length of password
- an optional hint that you have supplied

You also have the option to disable the password recovery system.

☒ **Yes! Turn on the password recovery capability for my account.** -620

If you would like to set an optional hint for your account which will be sent to your email address if you lose your password, please enter it below.

Optional hint: -630

☐ **No. Please do not enable password recovery for my account.** -640

I understand that if I lose my password, it will be impossible be able to recover any of the data that I store in Catavault.

[Click here to continue](#)

amazon.com

Amazon.com
Earth's biggest selection of books, music, and DVDs.
[add to your vault >](#)
[visit site >](#)

Fig. 7

The image shows a screenshot of a web browser displaying the About.com account registration page. The browser's address bar shows "http://www.about.com". The page features a "Gadget Universe" banner at the top. Below the banner is a navigation bar with links: MY VAULT, update your profile, mobile, privacy, security, partners, demo, HELP, and LOGOUT. The main heading asks "do you have an account with about.com?". There are two main sections: "yes" and "no". The "yes" section contains a form with fields for Username, Password, and Repeat Password, and a Submit button. The "no" section contains a form with a "Let me register you now!" button and a "Cancel" button. Handwritten annotations are present: "710" points to the "yes" section, "720" points to the "no" section, and "730" points to the "Let me register you now!" button. The browser's status bar at the bottom shows "Done" and "Internet".

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Edit Reset.com

Address http://www.about.com

Gadget Universe LinkExchange

MY VAULT update your profile mobile privacy security partners demo HELP LOGOUT

home update site

do you have an account with about.com?

yes

If you remember your sign-in information for **About.com**, please enter it in the fields below, and it will be stored permanently in your vault.

Username

Password

Repeat Password

If you don't have your sign-in information, try visiting **About.com** to recover this information.

[Visit site](#)

[Cancel](#)

no

Let

met are

Done Internet

710

720

730

Fig. 8A

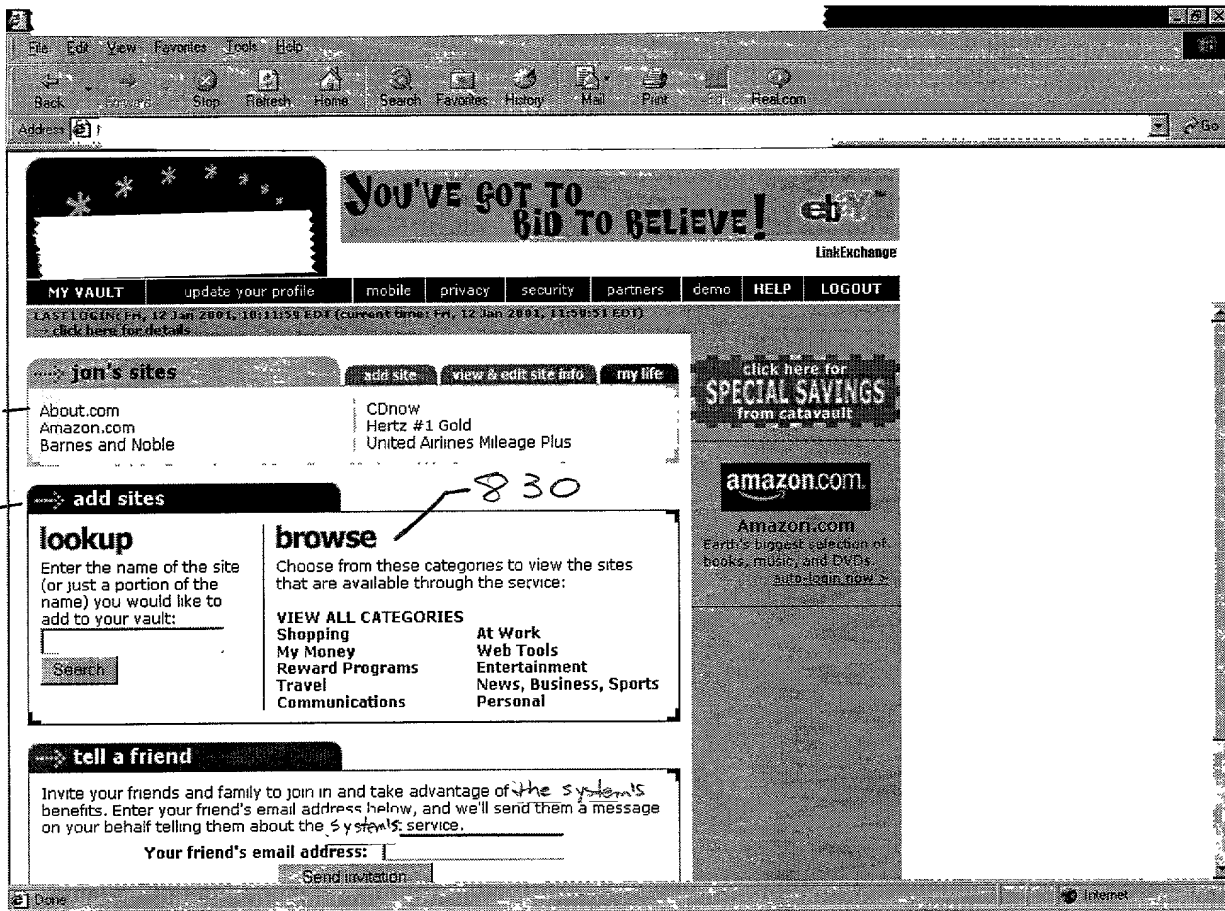


Fig. 8B

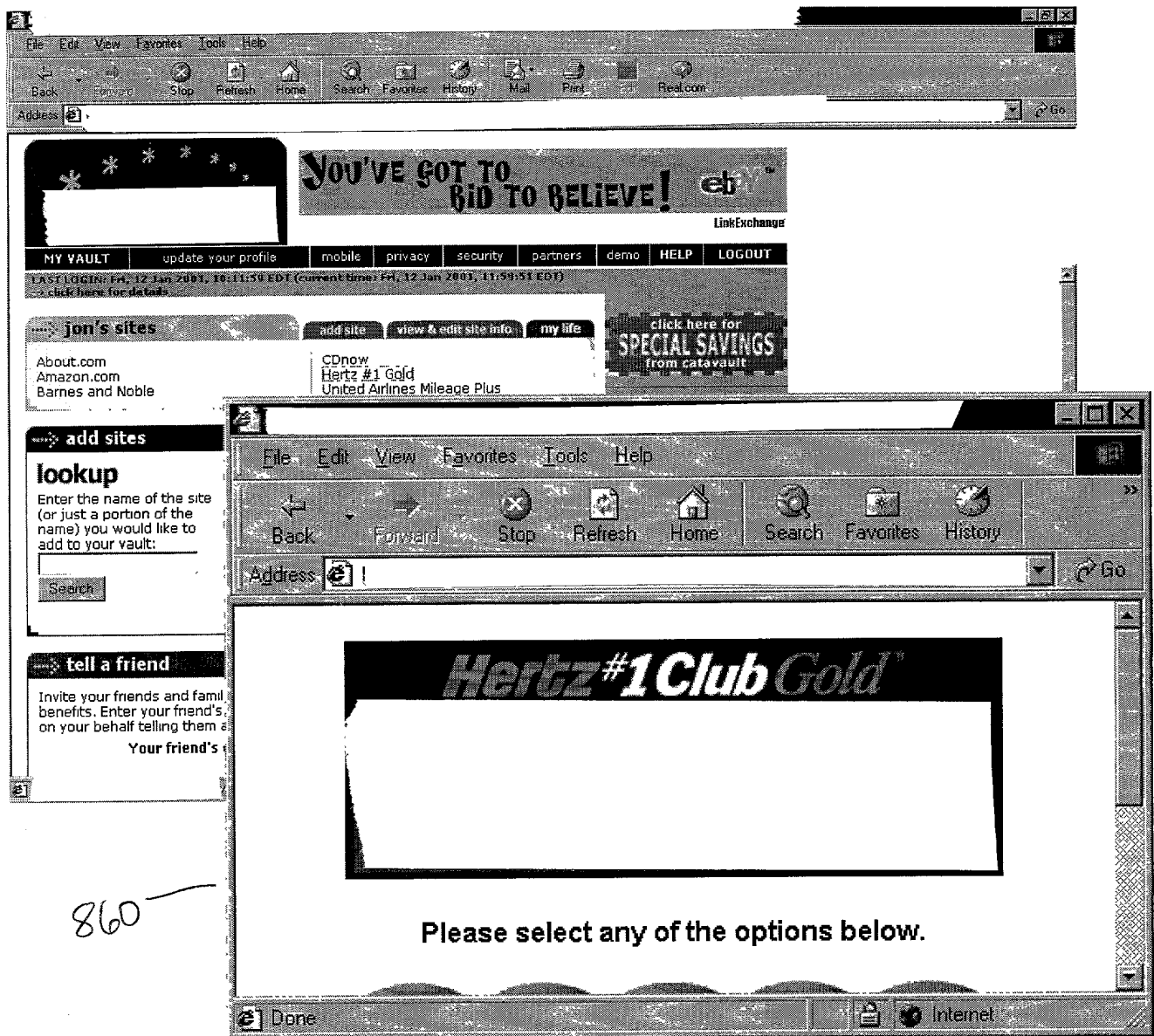


Figure 8C

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Edit

Address <http://www.travelocity.com/> Go Links

Travelocity.com
A Sabre Company

Login to Travelocity.com

Welcome easySAB Be

The system Personal Assistant can store this login information so that you can access this site directly from your system home page. Do you want to do this?

☐ Yes ☐ No

Login name: Password: Remember

☒ Use My Profile Address ☐ **Enter** **Remember my login name** **Be Our Guest**

[Terms and Conditions](#)

Making travel reservations through Travelocity.com is **FREE**. We only need a credit card number on file when you put a reservation on hold or purchase tickets. To keep your credit card information private, we

Done Internet

[illegible]

Fig. 9B

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Edit Real.com

Address http://www.llbean.com/

SHOP L.L.BEAN ON-LINE *click here*

MY VAULT update your profile mobile privacy security partners demo HELP LOGOUT

home auto-registration

user agreement

In conformance with the system's privacy policy, before we auto-register you for About.com, we would like to show you which information we will be sending to About.com and allow you to confirm your decision to transfer this data:

First Name
Last Name
Email Address
Birth Month
Birth Day
Birth Year
Gender
Zip Code

Auto-register now
Cancel

Our Pledge

"We are absolutely committed to protecting the privacy, security, and confidentiality of your personal information. We promise not to share, sell or exchange any of your personal information to a third party without your explicit permission."

Done Internet

920

the user will be able to see the information that is being sent to the third party and will be able to confirm the information that is being sent to the third party.

Fig. 9C

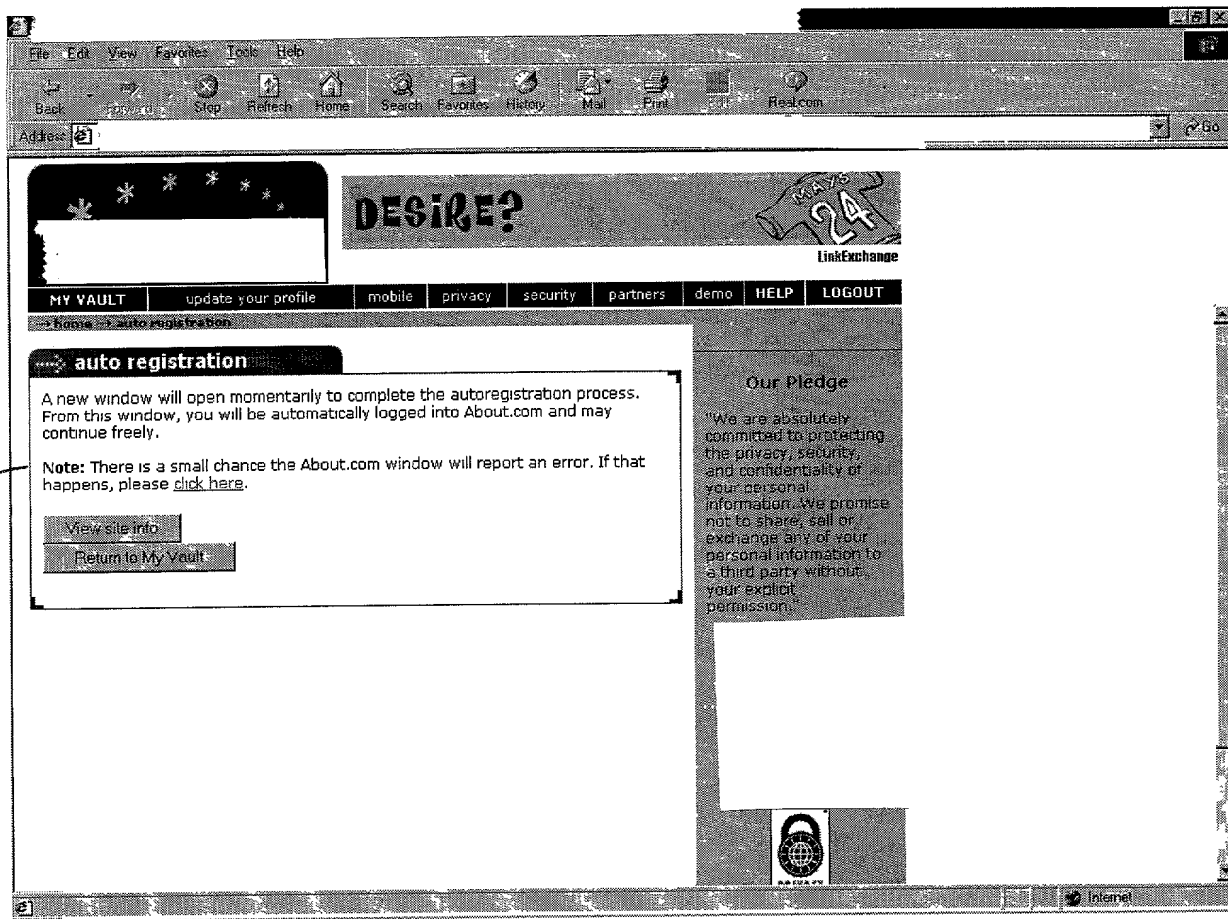


Fig. 9D

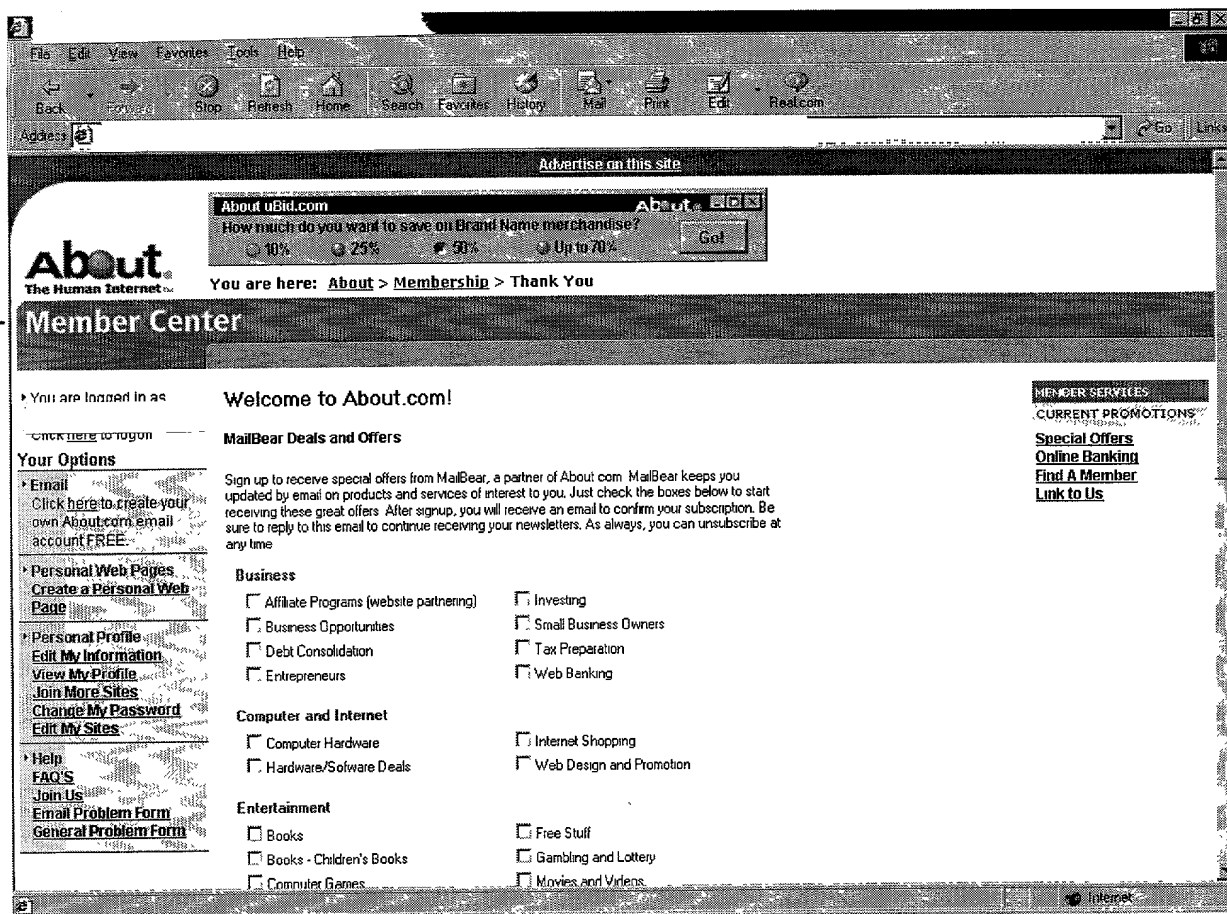


Fig 11

